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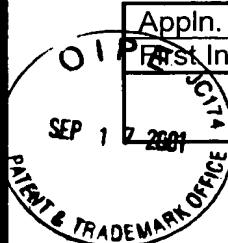
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RECEIPT FROM PTO FOR INDICATED ITEMS

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Appn. No: 09/853,028	Atty: Glenn J. Perry/donna hill
First Inventor: YAMAGUCHI et al.	Date: July 3, 2001
SEP 17 2001	Matter No: 280085
	Client No: 11349



ENCLOSED:

Response/Amendment Appendix Cover Sheet Cited/Listed Documents

Completion Request for R 53(f)/PCT Nat.

No. of Pages Abstract

No. of Pages Spec and Claims

No. of Numbered Claims Only

No. of Sheets of Drawings (Figs)

1 Set Formal 1 Set Informal Cover Letter

Declaration # of pages

Assignment Cover Sheet

Small Entity Declaration

Extension Petition (PAT-111)

No. of Priority Documents

IDS Letter Cited Appln(s) Foreign Sch Rep/OA

PTO-1449 Cited Documents

Issue Fee Transmittal Form PTOL-85(b) + (c)

\$ Fee (Check)

RECEIVED
OCT 16 2001
TC 1700

OTHER:

Current DUE DATE:

(Submit Single Copy Only)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FILING COMPLETION UNDER RULE 53(f)

(NOT PCT Applications)

For Design, Provisional, or Utility Applications

PATENT
APPLICATIONCOMPLETION Under
Rule 53(f)In re PATENT APPLICATION of
Inventor(s): YAMAGUCHI et al

Appln. No.: 09/474,744

853,028

Atty.Dkt.

P 280085

ND-J048-US

Series Code ↑

Serial No. ↑

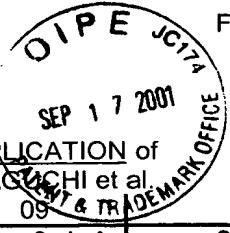
M#

Client Ref

Filed: May 11, 2001

Title: METHOD OF MANUFACTURING CERAMIC HONEYCOMB STRUCTURE AND DEVICE FOR FORMING
THROUGH HOLES

Attn: Application Division

Hon. Commissioner of Patents
Washington, DC 20231

Date: July 3, 2001

Sir:

The following completes the filing under Rule 53(f) of the above-identified patent application:

1. **Notice to File Missing Parts** copy attached not yet received
 2. Signed Declaration attached. Original Facsimile/Copy

(Always "X" box 2 if filling signed Declaration and"X" box 2A only if top box of the Declaration is X'd and file application copy, or"X" box 2B only if none of the top three boxes of the Declaration is X'd.)

2A. Attached: Original signed Declaration with attached specification (including claim(s)) which is a copy of specification and claim(s) originally filed to secure the above filing date.

2B. The original application as filed in the PTO on the above filing date is the application which each inventor executed by signing the attached Rule 63 Declaration.

3. Specification originally filed in non-English language; hence verified translation attached of:
 a. Abstract
 b. # pages of Specification(only spec. & claims)
 c. Drawing(s) Fig(s). No of Sheets

4. Letter filing formal drawing attached.

5. Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.

6. DOMESTIC/INTERNATIONAL priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1)		(2)	
(3)		(4)	
(5)		(6)	

7. FOREIGN priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in Japan

8.

Application No.	Filing Date	Application No.	Filing Date
(1) 2000-140213	May 12, 2000	(2) 2000-227490	July 27, 2000
(3)		(4)	
(5)		(6)	

9. 2 (No.) Certified copy (copies): attached; previously filed (date) _____ filed on _____

10. Small Entity Status is Not claimed is claimed (file PAT-256 if this is the first claim of Small Entity Status)

11. Attached:

12. Preliminary Amendment:

THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED

				Large/Small Entity	Fee Code
13. Basic Filing Fee		Design Application Not Design Application	\$320/\$160 \$710/\$355	+710	106/26 101/201
14. Total Effective Claims	31	minus 20 =	11	x \$18/\$9	+198
15. Independent Claims	5	minus 3 =	2	x \$80/\$40	+160
16. If any proper multiple dependent claim (ignore improper) is present, (Leave this line blank if this is a reissue application)			\$270/\$135	+270	104/204
17. Surcharge for filing Declaration/filing fee late			\$130/\$65	+130	105/205
18.			FILING FEE ENCLOSED =	\$1468	
19. Original due date:					
20. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo) (2mos) (3mos) (4mos)	\$110/\$55 = \$390/\$195 = \$890/\$445 = \$1390/\$695 =	+0	115/215 116/216 117/217 118/218
21. If "non-English" box 3 is X'd, add Rule 17(k) processing fee			\$130	+0	139
22. If "assignment" box 5 is X'd, add recording fee.			\$40	+40	581
23. Petition Fee for			\$130	+0	
24.			TOTAL FEE ENCLOSED =	\$1508	

Our Deposit Account No. 03-3975

Our Order No. 11349

280085

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This **CHARGE STATEMENT** does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

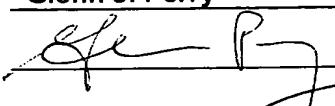
**Pillsbury Winthrop LLP
Intellectual Property Group**

1600 Tysons Boulevard

By Atty: Glenn J. Perry

Reg. No. 28458

McLean, VA 22102
Tel: (703) 905-2000
Atty/Sec: gjp/dlh

Sig: 

Fax: (703) 905-2500
Tel: (703) 905-2161

NOTE: File in duplicate with PTO receipt (PAT-103A) and attachments



00909

PTO/SB/105 (8-5)

Approved for use through 9/30/98 OMB 0651-00
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私否年、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD OF MANUFACTURING CERAMIC HONEYCOMB

STRUCTURE AND DEVICE FOR FORMING THROUGH HOLES

上記発明の明細書（下記の欄でx印がついていない場合は、本文に添付）は、

the specification of which is attached hereto unless the following box is checked:

一月一日に提出され、米国出願番号または特許協定条約国際出願番号を_____とし。
(該当する場合) _____に訂正されました。

was filed on May 11, 2001
as United States Application Number or
PCT International Application Number
and was amended on
_____ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を複数し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

PILLSBURY WINTHROP FORM

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Japanese Language Declaration

(日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基いて下記の、米国以外の国の少なくとも一ヶ国を指定している特許権力条約365(a)項に基いて国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先元を主張している。本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

Prior Foreign Application(s)

外国での先行出願 2000-140213(Pat. Appln.)	Japan
(Number) (番号)	(Country) (国名)
2000-227490(Pat. Appln.)	Japan
(Number) (番号)	(Country) (国名)

(Please see attachment for additional Prior Foreign Applications.)

私は、第35編米国法典第119条(e)項に基いて下記の米国特許出願規定に記載された権利をここに主張いたします。

F10.5B.1C 10-20

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed

優先権を主張なし

12/May/2000

(Day/Month/Year Filed)

27/July/2000

(Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)

(Filing Date)

(出願番号)

(出願日)

(Application No.)

(Filing Date)

(出願番号)

(出願日)

私は、下記の米国法典第35編120条に基いて下記の米国特許出願に記載された権利、又は米国を指定している特許権力条約365条(c)に基いて権利をここに主張します。また、不出願の各請求範囲の内容が米国法典第35編112条第1項又は特許権力条約で規定された方で先行する米国特許出願に開示されていない限り、その先行米国出願提出日以降で本出願書の日本国内または特許権力条約国際提出日までの期間に入手された、連邦規則法典第37編1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Application No.)

(Filing Date)

(出願番号)

(出願日)

(Status: Patented, Pending, Abandoned)

(現況: 特許許可済、係属中、放棄済)

(Application No.)

(Filing Date)

(出願番号)

(出願日)

(Status: Patented, Pending, Abandoned)

(現況: 特許許可済、係属中、放棄済)

私は、私自身の知識に基いて本宣言書中で私が行なう表明が真実であり、かつ私の入手した情報と私の信じるところに基いて表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同様の行為は米国法典第18編第10.01条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認定し、よってここに上記のごとく宣誓を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Japanese Language Declaration (日本語宣言書)

委任状： 私は下記の発明者として、本出願に関する一切の手続を米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

And I hereby appoint Pillsbury Winthrop LLP, Intellectual Property Group, telephone number (202) 861-3000 (to whom all communications are to be directed), and persons of that firm who are associated with USPTO Customer No. 909 (see below label) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete from that Customer No. names of persons no longer with their firm, to add new persons of their Firm to that Customer No., and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or an attorney of that Firm in writing to the contrary.



00909

唯一または第一発明者名		Full name of sole or first inventor Satoru Yamaguchi	
発明者の名前	日付	Inventor's signature <i>Satoru Yamaguchi</i>	Date May 21, 2001
住所	Residence Anjyou-city, Aichi-pref., Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o DENSO CORPORATION, 1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN		
第二共同発明者		Full name of second joint inventor, if any Hitoshi Kanmura	
第二共同発明者	日付	Second inventor's signature <i>Hitoshi Kanmura</i>	Date May 21, 2001
住所	Residence Inabe-gun, Mie-pref., Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o DENSO CORPORATION, 1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN		

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第三共同発明者	Full name of third joint inventor, if any Akinobu Muto		
第三共同発明者	日付	Third inventor's signature <i>Akinobu Muto</i>	Date May 21, 2001
住所	Residence Ama-gun, Aichi-pref., Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o DENSO CORPORATION, 1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN		
第四共同発明者	Full name of fourth joint inventor, if any Toshiaki Tanida		
第四共同発明者	日付	Fourth inventor's signature <i>Toshiaki Tanida</i>	Date May 21, 2001
住所	Residence Okazaki-city, Aichi-pref., Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o DENSO CORPORATION, 1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN		

第五共同発明者	Full name of fifth joint inventor, if any		
第五共同発明者	日付	Fifth inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		
第六共同発明者	Full name of sixth joint inventor, if any		
第六共同発明者	日付	Sixth inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		

(第七以降の共同発明者についても同様に
記載し、署名をすること)

(Supply similar information and signature for
seventh and subsequent joint inventors.)

BOX ASSIGNMENTS

DO NOT USE FOR TRADEMARKS

RECORDATION FORM COVER SHEET
PATENT APPLICATIONS & PATENTS ONLY

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

1. Satoru YAMAGUCHI
3. Akinobu MUTO
5.
7.

2. Hitoshi KANMURA
4. Toshiaki TANIDA
6.
8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1 Showa-cho, Kariya-City, Aichi-Oref., 448-8661 Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

ASSIGNMENT OF WHOLE PART INTEREST
 ORIGINAL FACSIMILE/PHOTOCOPY
 CHANGE OF NAME VERIFIED TRANSLATION
 SECURITY MERGER OTHER:

EXEC. DATE: May 21, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR If not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR If not in item 1
09/853,028	280085				

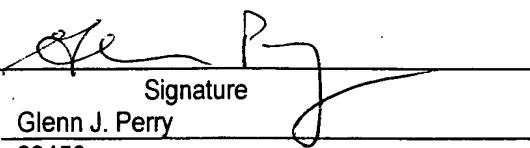
5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard

McLean, VA 22102

5.5 ATTY DKT: P 280085	ND-J048-US	6. NUMBER INVOLVED: APPLNS 1 + PATS 0 = TOTAL 7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40
MATTER NO.	CLIENT REF.	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 UNDER ORDER NO 11349 280085 dup. sheet not required

9.


Signature

Attorney: Glenn J. Perry

Reg. No. 28458

Atty/Sec: gjp/dlh TEL: (703) 905-2161

10. Total number of pages including this
cover sheet, attachments and document
(do not file dup. Cover sheet)

2

Date: July 3, 2001

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert
ASSIGNEE's
Name(s)
Address(es))

DENSO CORPORATION

1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN

(Title of
Invention)

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

METHOD OF MANUFACTURING CERAMIC HONEYCOMB STRUCTURE

AND DEVICE FOR FORMING THROUGH HOLES

relating to International Patent Application PCT/JP _____ / _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____ ;
(b) filed on May 11, 2001 ;
Serial No. _____ / _____ ;

Pillsbury Winthrop LLP
Washington, DC

) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) Satoru Yamaguchi Satoru Yamaguchi May 21, 2001
(SIGNATURE) (TYPE NAME) (DATE)

2) Hitoshi Kanmura Hitoshi Kanmura May 21, 2001
(SIGNATURE) (TYPE NAME) (DATE)

3) Akinobu Muto Akinobu Muto May 21, 2001
(SIGNATURE) (TYPE NAME) (DATE)

4) Toshiaki Tanida Toshiaki Tanida May 21, 2001
(SIGNATURE) (TYPE NAME) (DATE)

5) _____ (SIGNATURE) (TYPE NAME) (DATE)

6) _____ (SIGNATURE) (TYPE NAME) (DATE)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of
Inventor(s): YAMAGUCHI et al.

Appln. No.: 09 | 853,028
Series Code ↑ | ↑ Serial No.



Filed: May 11, 2001

Title: METHOD OF MANUFACTURING CERAMIC
HONEYCOMB STRUCTURE AND DEVICE FOR FORMING
THROUGH HOLES

Group Art Unit: Unassigned

Examiner: Unassigned

Atty. Dkt. P 280085

ND-J048-US

M#

Client Ref

Date: July 3, 2001

**SUBMISSION OF PRIORITY
DOCUMENT IN ACCORDANCE
WITH THE REQUIREMENTS OF RULE 55**

Hon. Asst Commissioner of Patents
Washington, D.C. 20231

Sir:

Please accept the enclosed certified copy(ies) of the respective foreign application(s) listed below for which benefit under 35 U.S.C. 119/365 has been previously claimed in the subject application and if not is hereby claimed.

Application No.

Country of Origin

Filed

2000-140213

Japan

May 12, 2000

2000-227490

Japan

July 27, 2000

Respectfully submitted,

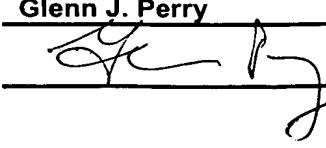
Pillsbury Winthrop LLP
Intellectual Property Group

1600 Tysons Boulevard

By Atty: Glenn J. Perry

Reg. No. 28458

McLean, VA 22102
Tel: (703) 905-2000
Atty/Sec: gjp/dlh

Sig: 

Fax:

(703) 905-2500

Tel:

(703) 905-2161

日本国特許庁

JAPAN PATENT OFFICE

SEP 17 2001

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This is to certify that the annexed is a true copy of the following application as filed
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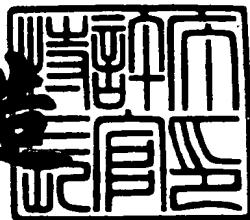
Applicant(s):

株式会社デンソー

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【請求項の数】 6
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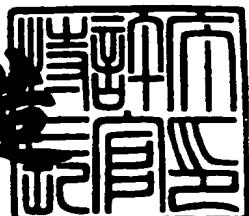
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